EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	697	(Ishikawa near2 Tadashi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 15:56
L2	17	(Nakashima near2 Kiyotaka).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 15:57
L3	28	(Nose near2 Tetsuro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 15:57
L4	20	(Tominaga near2 Tomonori).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 15:57
L5	40	(Higo near2 Yakichi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 15:57
L6	36	(Takashima near2 Kazuki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 15:57
L7	838649	(Nippon).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:15
L8	102	(L2 or L3 or L4 or L5 or L6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:16

L9	2	"20060130942"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:16
L10	21	(US-20060137777-$ or US-20020014100-$ or US-20050242066-$ or US-20070006943-$ or US-20060065333-$ or US-20040038626-$ or US-20040250920-$ or US-20080041502-$).did. or (US-6467321-$ or US-6338765-$ or US-6926780-$ or US-7276824-$).did. or (WO-2004040023-$ or US-6171415-$ or JP-2004122152-$ or US-20050242066-$ or US-20060016858-$ or US-20070040476-$ or US-20070068605-$ or CN-1887507-$ or JP-2008038222-$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/04/09 16:17
L11	100	L8 not (L9 or L10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:18
L12	839018	(L1 or L7) not (L8 or L9 or L10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:45
L13	5835	L12 and (nanocrystall$4 OR nano-crystal$4 or nano crystall$4 or nano $2crystal$4 or (sub micron or sub-micron or sub$2micron) near3 (grain or crystal$8) or ultrasonic or ultrasound or ultrason$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:47
L14	39	L12 and (nanocrystall$4 OR nano-crystal$4 or nano crystall$4 or nano $2crystal$4 or (sub micron or sub-micron or sub$2micron) near3 (grain or crystal$8))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:47

L15	634	L12 and (ultrason$8 or ultrasound) same (treat $4 or peen$4 or impact $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:48
L16	75	L15 and (nano$10 or sub $2micron or sub micron or amorphous or non $2crystalline or non-crystalline or metallic near3 glass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:48
L17	113	L14 or L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:49
L18	99	(Statnikov).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:51
L19	1017	(Prokopenko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:52
L20	243	(nanocrystall$8 or nano-crystal$8 or nano crystall $8 or nano$2crystall$8) and (ultrasound or ultrasonic) same (impact $4 or treat$4 or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:53
L22	15	L19 and (ultrasound or ultrasonic) same (impact $4 or treat$4 or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:54
L23	3700	(sub$2micron or sub micron or nano$10) near10 (grain or crystal or crystall$8) and (ultrasonic$5 or ultrasound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:55

L25	966	(sub$2micron or sub micron or nano$10) near10 (grain or crystal or crystall$8) and (ultrasonic$5 or ultrasound) same (peen $4 or impact$4 or treat $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:56
L26	554	L25 and (amorphous or noncrystalline or non-crystalline or non crystalline or bulk metallic glass or metallic near3 glass$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:57
L27	438	L26 and (surface or layer) same (treat$4 or impact$4 or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 16:57
L28	48	(US-20060137777-$ or US-20050242066-$ or US-20040250920-$ or US-20080041502-$ or US-20040038626-$ or US-20070006943-$ or US-20020014100-$ or US-20060065333-$ or US-20050230010-$ or US-20030003763-$ or US-20070237943-$ or US-20070068605-$ or US-20060130942-$).did. or (US-6338765-$ or US-7276824-$ or US-6926780-$ or US-6467321-$ or US-5280724-$ or US-7399371-$ or US-6475599-$ or US-7422790-$ or US-7078015-$ or US-5994164-$).did. or (EP-403807-$ or WO-2004040023-$ or WO-2004040022-$ or WO-2004046399-$ or WO-2004046398-$ or WO-2004046397-$ or WO-2004046396-$ or WO-2004046395-$ or WO-2004046394-$ or EP-1559796-$ or EP-1577401-$).did. or (JP-2002220647-$ or JP-2003201549-$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 17:01

		2004169105-$ or JP-2004169078-$).did. or (US-20060016858-$ or US-20070040476-$ or JP-2004122152-$ or US-6171415-$ or WO-2004040023-$ or US-20050242066-$ or US-20070068605-$ or JP-2008038222-$ or CN-1887507-$ or JP-2003201549-$).did.				
L29	334	(L18 or L20 or L22) not L28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 17:01
L30	2	"20060137777"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 17:55
L31	2	"20070134059"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 17:56
L32	1	WO "0210462"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 17:59
L33	2	JP "2002220647"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:00
L34	2	JP "2003201549"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:00
L35	2	JP "58116954"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:00

L37	10	US "6171415"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:00
L39	0	JP "8001514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:00
L40	2	JP "2003113418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:00
L41	2	JP "09234585"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:15
L42	2	JP "01079320"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:16
L43	27	L30 or L31 or L32 or L33 or L34 or L35 or L37 or L39 or L40 or L41 or L42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:16
L44	2	JP "08001514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 18:17
L45	1111	(rikogaku near2 Shinkokai)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:03

L46	2	L45 and (nano$2crystall$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:03
L47	787	148/558,561,565.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:04
L48	64	(Daniel near2 Branagan).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:06
L49	27	L48 and (nano$2crystal$8 or nano crystal$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:06
L50	41	L47 and (nanocrystall$8 or nano-crystal$8 or nano crystall$8 or nano$2crystall$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:13
L51	35	L47 and (ultrasound or ultrasonic) same (impact$4 or treat$4 or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:14
L52	70	L50 or L51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:14

| L53 | 110 | (US-20060137777-$ or US-20050242066-$ or US-20040250920-$ or US-20080041502-$ or US-20040038626-$ or US-20070006943-$ or US-20020014100-$ or US-20060065333-$ or US-20050230010-$ or US-20030003763-$ or US-20070237943-$ or US-20070068605-$ or US-20060130942-$ or US-20070040476-$ or US-20060237104-$ or US-20060016858-$ or US-20050145306-$ or US-20050092397-$ or US-20040244882-$ or US-20040173290-$ or US-20070244595-$).did. or (US-6338765-$ or US-7276824-$ or US-6926780-$ or US-6467321-$ or US-5280724-$ or US-7399371-$ or US-6475599-$ or US-7422790-$ or US-7078015-$ or US-5994164-$ or US-7431779-$ or US-7344609-$ or US-7147726-$ or US-7032725-$ or US-6932876-$ or US-6843957-$ or US-6289736-$ or US-6171415-$ or US-6025034-$ or US-5984996-$ or US-6033624-$ or US-5874684-$ or US-7301123-$ or US-7285447-$ or US-7449074-$).did. or (EP-403807-$ or WO-2004040023-$ or WO-2004040022-$ or WO-2004046399-$ or WO-2004046398-$ or WO-2004046397-$ or WO-2004046396-$ or WO-2004046395-$ or WO-2004046394-$ or EP-1559796-$ or EP-1577401-$ or WO- | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/04/09 19:14 |

2007024495-$ or WO-
2007015688-$ or WO-
2007005080-$ or WO-
2006057836-$ or EP-
1552028-$ or WO-
2005060014-$ or WO-
2005042206-$ or EP-
1447455-$ or WO-
2004013359-$ or FR-
2662180-$).did. or (JP-
2002220647-$ or JP-
2003201549-$ or JP-
2004169105-$ or JP-
2004169078-$ or JP-
2004169104-$ or JP-
2004169100-$ or JP-
2003113418-$ or JP-
09234585-$ or JP-
01079320-$ or JP-
58116954-$).did. or (US-
20060016858-$ or US-
20070040476-$ or JP-
2004122152-$ or US-
6171415-$ or WO-
2004040023-$ or US-
20050242066-$ or US-
20070068605-$ or JP-
2008038222-$ or CN-
1887507-$ or JP-
2003201549-$ or WO-
2008150250-$ or US-
20070244595-$ or WO-
2007015688-$ or CN-
1702188-$ or US-
20050145306-$ or WO-
2005060014-$ or WO-
2005042206-$ or US-
20040173290-$ or WO-
2004046394-$ or WO-
2004013359-$ or US-
20020043313-$ or FR-
2812286-$ or US-
6338765-$ or US-
20020014100-$ or WO-
9117273-$ or JP-
08001514-$).did. or (WO-
2004033144-$ or JP-
2003113418-$ or JP-
2002220647-$ or FR-
2812285-$ or JP-
09234585-$ or JP-
01079320-$ or JP-
58116954-$).did.

L54	53	L52 not L53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:14
L55	14	US "6338765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:18
L56	2	US "20020043313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:19
L57	2	US "20020124402"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:19
L58	2	US "20020014100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:19
L59	31	UIT.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:24
L60	24	M26-C02$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:26
L61	455	(nano crystal$8 or nano $2crystal$8) same steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:27

L62	338	(nano crystal$8 or nano $2crystal$8) same steel and (heat$4 or heat adj2 treat$4 or anneal$4 or devitrif$8 or de$2vitrif$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:28
L63	118	(US-20060137777-$ or US-20050242066-$ or US-20040250920-$ or US-20080041502-$ or US-20040038626-$ or US-20070006943-$ or US-20020014100-$ or US-20060065333-$ or US-20050230010-$ or US-20030003763-$ or US-20070237943-$ or US-20070068605-$ or US-20060130942-$ or US-20070040476-$ or US-20060237104-$ or US-20060016858-$ or US-20050145306-$ or US-20050092397-$ or US-20040244882-$ or US-20040173290-$ or US-20070244595-$ or US-20020043313-$ or US-20070256764-$ or US-20020189726-$).did. or (US-6338765-$ or US-7276824-$ or US-6926780-$ or US-6467321-$ or US-5280724-$ or US-7399371-$ or US-6475599-$ or US-7422790-$ or US-7078015-$ or US-5994164-$ or US-7431779-$ or US-7344609-$ or US-7147726-$ or US-7032725-$ or US-6932876-$ or US-6843957-$ or US-6289736-$ or US-6171415-$ or US-6025034-$ or US-5984996-$ or US-6033624-$ or US-5874684-$ or US-7301123-$ or US-7285447-$ or US-7449074-$ or US-7175722-$).did. or (US-7439470-$ or US-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/09 19:28

6458225-$).did. or (EP-
403807-$ or WO-
2004040023-$ or WO-
2004040022-$ or WO-
2004046399-$ or WO-
2004046398-$ or WO-
2004046397-$ or WO-
2004046396-$ or WO-
2004046395-$ or WO-
2004046394-$ or EP-
1559796-$ or EP-
1577401-$ or WO-
2007024495-$ or WO-
2007015688-$ or WO-
2007005080-$ or WO-
2006057836-$ or EP-
1552028-$ or WO-
2005060014-$ or WO-
2005042206-$ or EP-
1447455-$ or WO-
2004013359-$ or FR-
2662180-$).did. or (JP-
2002220647-$ or JP-
2003201549-$ or JP-
2004169105-$ or JP-
2004169078-$ or JP-
2004169104-$ or JP-
2004169100-$ or JP-
2003113418-$ or JP-
09234585-$ or JP-
01079320-$ or JP-
58116954-$).did. or (US-
20060016858-$ or US-
20070040476-$ or JP-
2004122152-$ or US-
6171415-$ or WO-
2004040023-$ or US-
20050242066-$ or US-
20070068605-$ or JP-
2008038222-$ or CN-
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2003201549-$ or WO-
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20070244595-$ or WO-
2007015688-$ or CN-
1702188-$ or US-
20050145306-$ or WO-
2005060014-$ or WO-
2005042206-$ or US-
20040173290-$ or WO-
2004046394-$ or WO-
2004013359-$ or US-
20020043313-$ or FR-
2812286-$ or US-
6338765-$ or US-
20020014100-$ or WO-
9117273-$ or JP-

		08001514-$).did. or (WO-2004033144-$ or JP-2003113418-$ or JP-2002220647-$ or FR-2812285-$ or JP-09234585-$ or JP-01079320-$ or JP-58116954-$ or US-6458225-$ or US-20020189726-$).did.				
L64	332	L62 not L63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 19:28
L66	1	US "5634988"	DERWENT	ADJ	ON	2009/04/09 20:29
L67	1	US "6290905"	DERWENT	ADJ	ON	2009/04/09 20:29
L68	1	US "20010038001"	DERWENT	ADJ	ON	2009/04/09 20:29
L69	1	US "20040244882"	DERWENT	ADJ	ON	2009/04/09 20:29
L70	1	US "20050230010"	DERWENT	ADJ	ON	2009/04/09 20:29
L71	1	US "20050252888"	DERWENT	ADJ	ON	2009/04/09 20:29
L72	1	US "20070000968"	DERWENT	ADJ	ON	2009/04/09 20:29
L73	7	US "3274033"	USPAT; USOCR	ADJ	ON	2009/04/09 20:29
L74	1	JP "08118012"	DERWENT	ADJ	ON	2009/04/09 20:29
L75	1	JP "2000158127"	DERWENT	ADJ	ON	2009/04/09 20:29
L76	1	JP "2003290972"	DERWENT	ADJ	ON	2009/04/09 20:29
L77	10	L66 or L67 or L68 or L69 or L70 or L71 or L72 or L74 or L75 or L76	DERWENT	ADJ	ON	2009/04/09 20:30
L78	14	steel same de$2vitrif$8 same (nano$2crystal$8) and (anneal$4 or heat$4) same (time or duration or hours or minutes or temperature or celsius or fahrenheit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:35

L79	238	C21D007/04	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:35
L80	702	C21D007/06	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:35
L81	240	C21D001/04	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:36
L82	193	C21D010/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:36
L83	1315	M24-D06$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:36
L84	4872	M24-D01B$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:36
L85	2067	M29-D$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:36
L86	9296	(L79 or L80 or L81 or L82 or L83 or L84 or L85)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:36

L87	13	L86 and ((nano$2crystal $8 or nano crystal$8) or (sub$2micron or ultra $2fine or super$2fine) near5 (crystal$6 or grain)) and (ultrasound or ultrasonic$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:37
L89	33	L86 and ((nano$2crystal $8 or nano crystal$8) or (sub$2micron or ultra $2fine or super$2fine) near5 (crystal$6 or grain)) and (heat$4 or anneal$4 or de$2vitrif$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:38
L90	24	L89 not L87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:39
L92	33	C22C045/02 and (de $2vitrif$8 or anneal$4 or heat$4) and (nano$8 or nano$2crystal$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:40
L93	32309	(ultrasound or ultrasonic $4) near10 (impact$4 or treat$4 or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:41
L94	67	(ultrasound or ultrasonic $4) near10 (impact$4 or treat$4 or peen$4) and (equiaxed or equiaxial)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:42
L95	56	(ultrasound or ultrasonic $4) near10 (impact$4 or treat$4 or peen$4) and (equiaxed or equiaxial) same (grain or crystal$4 or micro$2structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:42
L96	70	(nano$2crystal$8 or (sub $2micron or sub micron) near3 grain) same steel and (equiaxed or equiaxial) same (grain or crystal$4 or micro $2structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:47

L97	190	(nano$2crystal$8) and (equiaxed or equiaxial) same (grain or crystal$4 or micro$2structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:48
L98	15	de$2vitrif$8 and (equiaxed or equiaxial) near4 (grain or crystal$4 or micro$2structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:49
L99	1140	(anneal$4 or heat$4) and steel and (equiaxed or equiaxial) near4 (grain or crystal$4 or micro $2structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:50
L100	139	L99 and (ultrasound or ultrasonic$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/09 20:50

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